**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.     (Original)      A statistical record purge procedure comprising the improvement of ensuring there is adequate temporary memory for storing new statistical records before the procedure initiates deletion of older statistical records in permanent memory, the new statistical records comprising statistical records generated while the older statistical records are being deleted.

2.     (Original)      The procedure of claim 1 wherein the adequate temporary memory comprises ninety percent or more free memory space.

3.     (Original)      The procedure of claim 1 comprising the further improvement of waiting a predetermined period of time if there is inadequate temporary memory, and then repeating the procedure of claim 1.

4.     (Previously Presented)      The procedure of claim 3 wherein the predetermined period of time comprises about thirty seconds.

Page 2 of 5

5.    (Original)      The procedure of claim 1 wherein the temporary memory space comprises a log space.

6.    (Original)      The procedure of claim 1 wherein the permanent memory utilizes indices or pointers and the indices or pointers are reset following the deletion of older statistical records.

7.    (Original)      The procedure of claim 1 wherein the deletion of older statistical records occurs less frequently than hourly but at least once daily.

8.    (Withdrawn)      A statistical record purge procedure comprising the improvement of scheduling deletion of older statistical records during a period when relatively few new statistical records are generated.

9.    (Withdrawn)      The procedure of claim 8 wherein the permanent memory utilizes indices or pointers and the indices or pointers are reset following the deletion of older statistical records.

10.    (Withdrawn)      The procedure of claim 8 wherein the deletion of older statistical records occurs less frequently than hourly but at least once daily.

11.    (Original)     An improved method of purging statistical records from a temporary

memory in a service provider network, the improvement comprising:

(A)     ensuring there is adequate temporary memory for storing new statistical records

before the procedure initiates deletion of older statistical records in permanent memory, the new

statistical records comprising statistical records generated while the older statistical records are

being deleted.


12.    (Original)     The method of claim 11 further comprising:

(B)     waiting a predetermined period of time if there is inadequate temporary memory;

and

(C)     repeating step (A).


13.    (Previously Presented)     The method of claim 12 wherein the predetermined period

comprises about thirty seconds.


14.    (Original)     The method of claim 11 further comprising:

(D)     updating any indices or pointers utilized by the permanent memory following the

deletion of older statistical records in the permanent memory.